INSTALLING OS AND DEPENDENCIES

The Raspberry Pi is running Raspbian 4.14.52 which can be downloaded here.
- Download Raspbian Linux (Stretch)
      download here https://www.raspberrypi.org/downloads/raspbian/
      (Download via torrent, if you value your time)
      The .iso will need to go on a SD card of at least 8GB.
      - To login remotely, enable SSH before you boot. Create a file called ssh(NO FILE FORMAT!) in the boot partition (the only partition that's normally visible to Windows and Mac computers). The ssh file does not have to contain anything, its presence tells Raspbian you want SSH enabled and the file will be deleted after that is done.
      User name: pi
      Password: raspberry
      (Change password ASAP)

- Update
      sudo apt-get update
- Get python-dev
      sudo apt-get install python-dev python-pip build-essential python-smbus git
      pip install upgrade distribute
      pip install upgrade rpi.gpio
- Install Adafruit Motor-HAT-Python Library
      https://github.com/adafruit/Adafruit-Motor-HAT-Python-Library
      sudo apt-get update
      cd ~/
-Install Adafruit VL53L0X Library
      git clone https://github.com/naisy/VL53L0X_rasp_python.git
      cd VL53L0X_rasp_python
      make
      sudo python setup.py install
- Turn on camera, spi and i2c